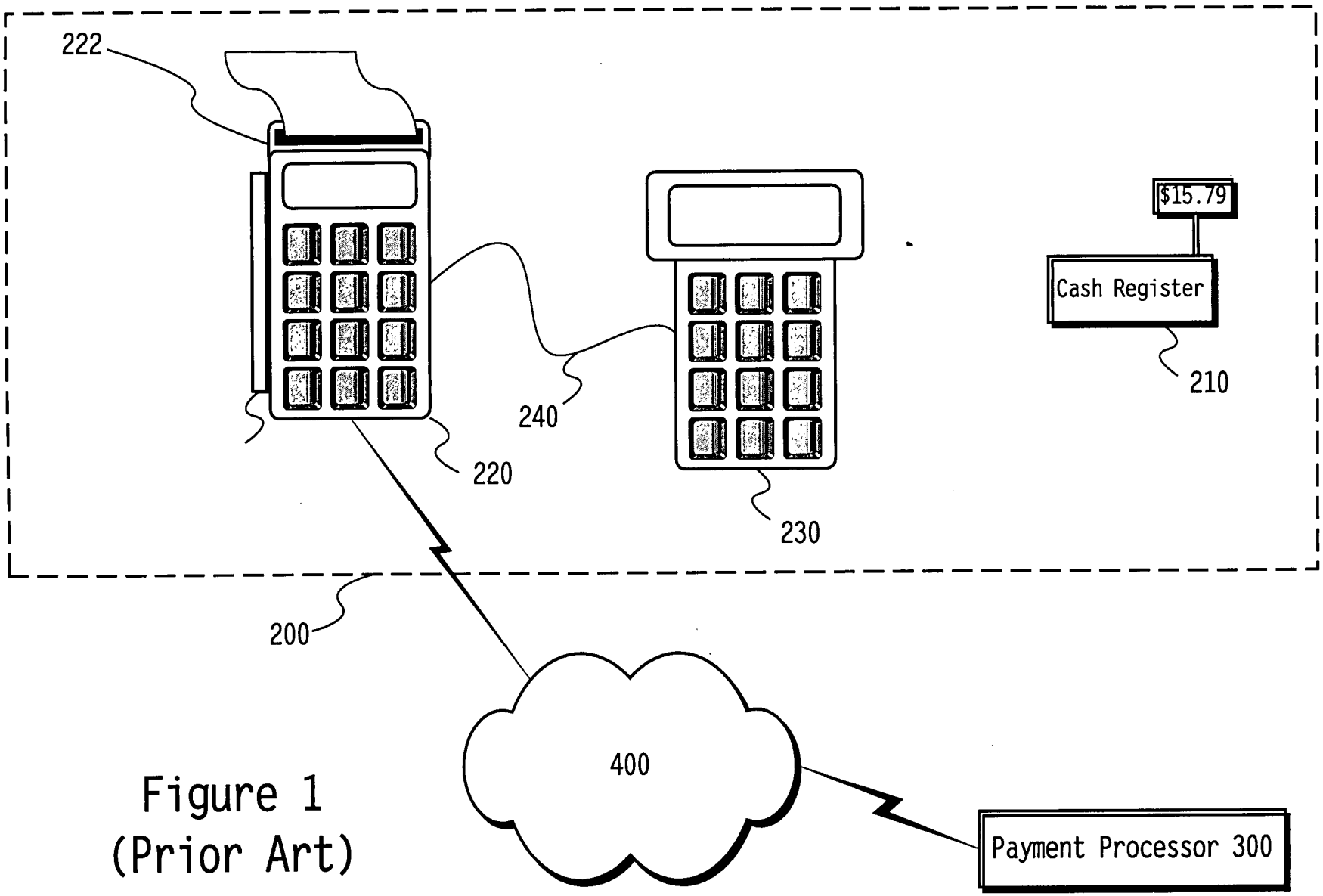


Figure 1
(Prior Art)

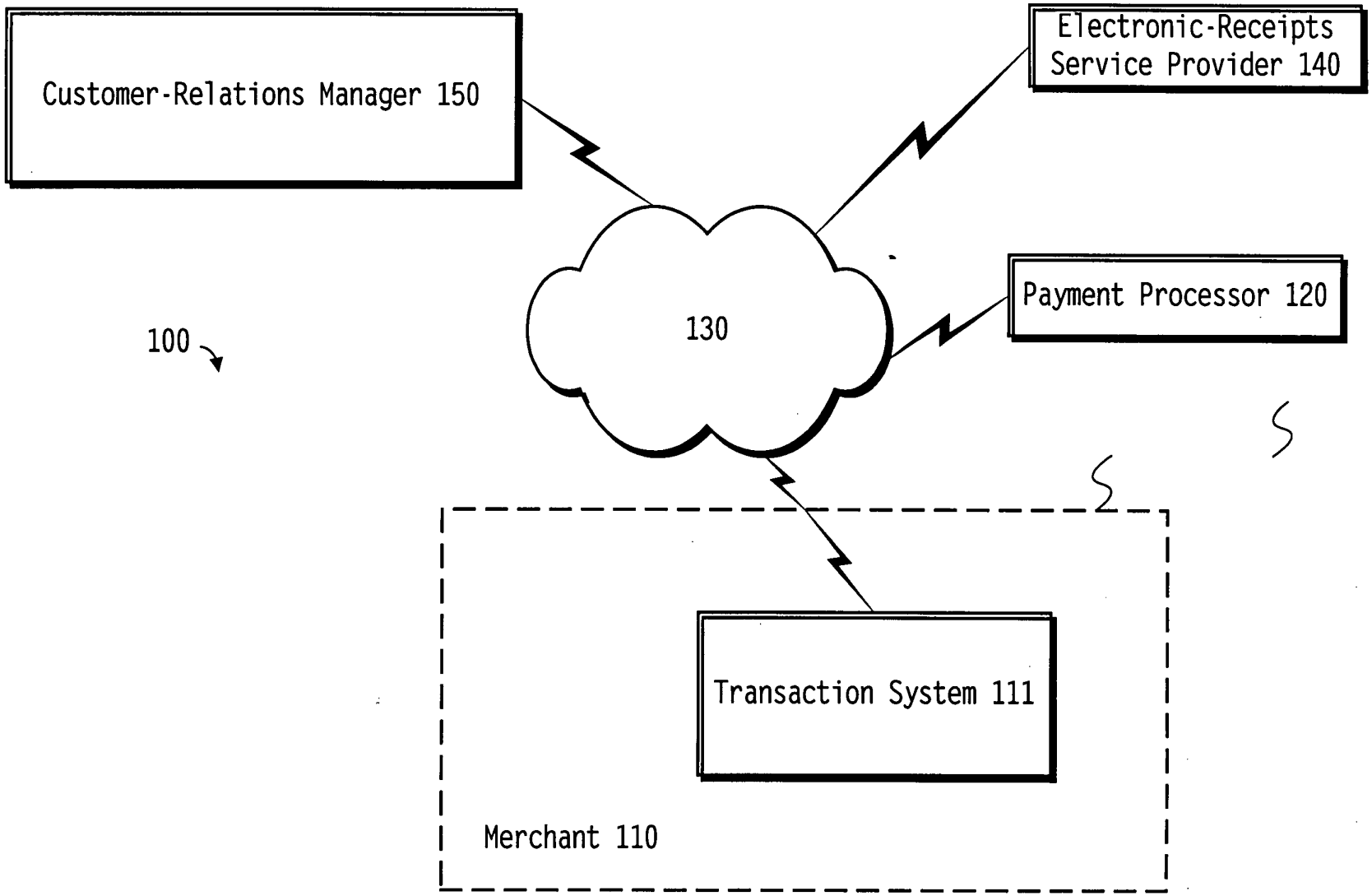

Customer-Relations Manager 150
Electronic-Receipts Service Provider 140
Payment Processor 120
130
100
Transaction System 111
Merchant 110

Figure 2

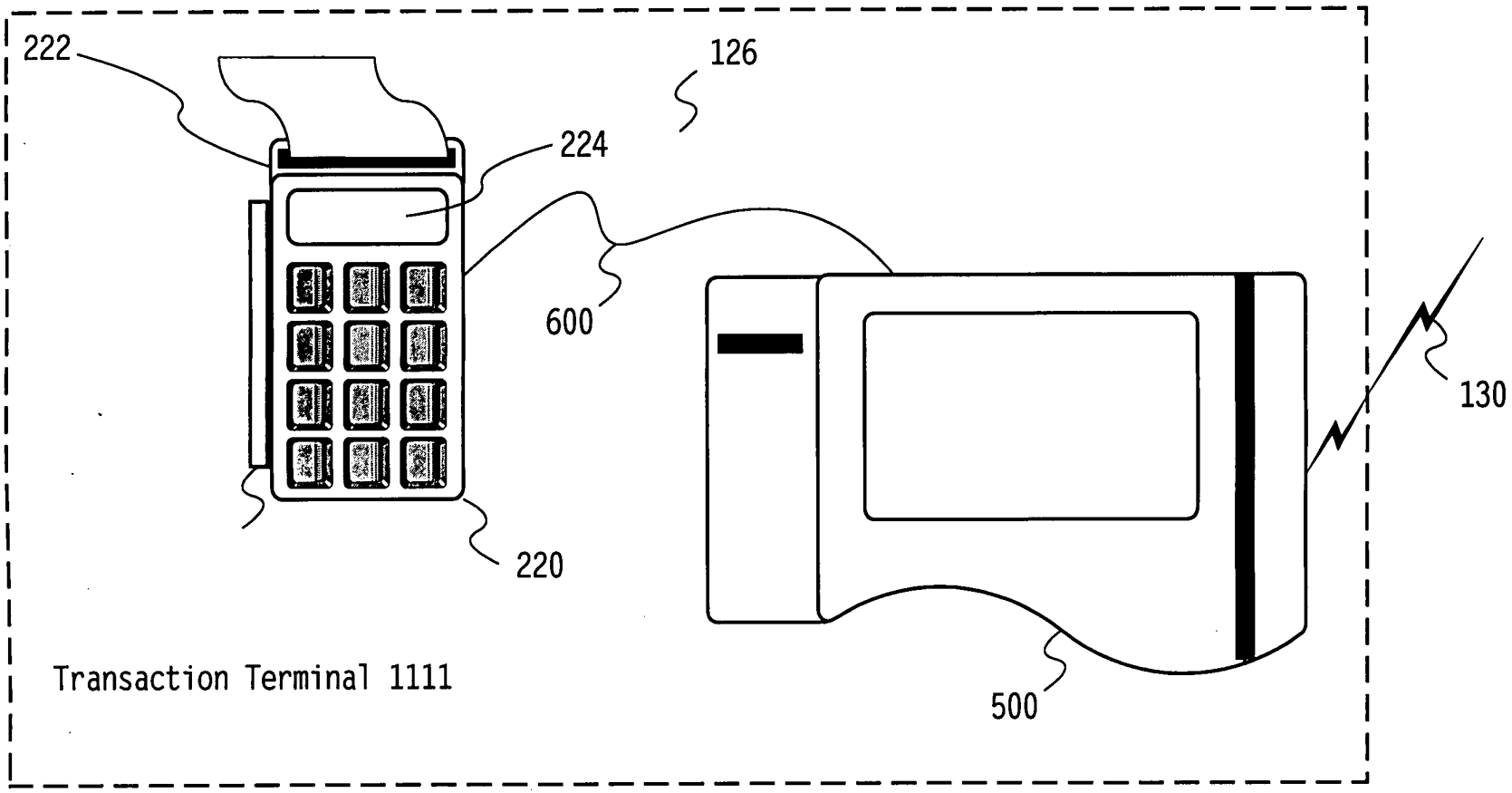


Figure 3

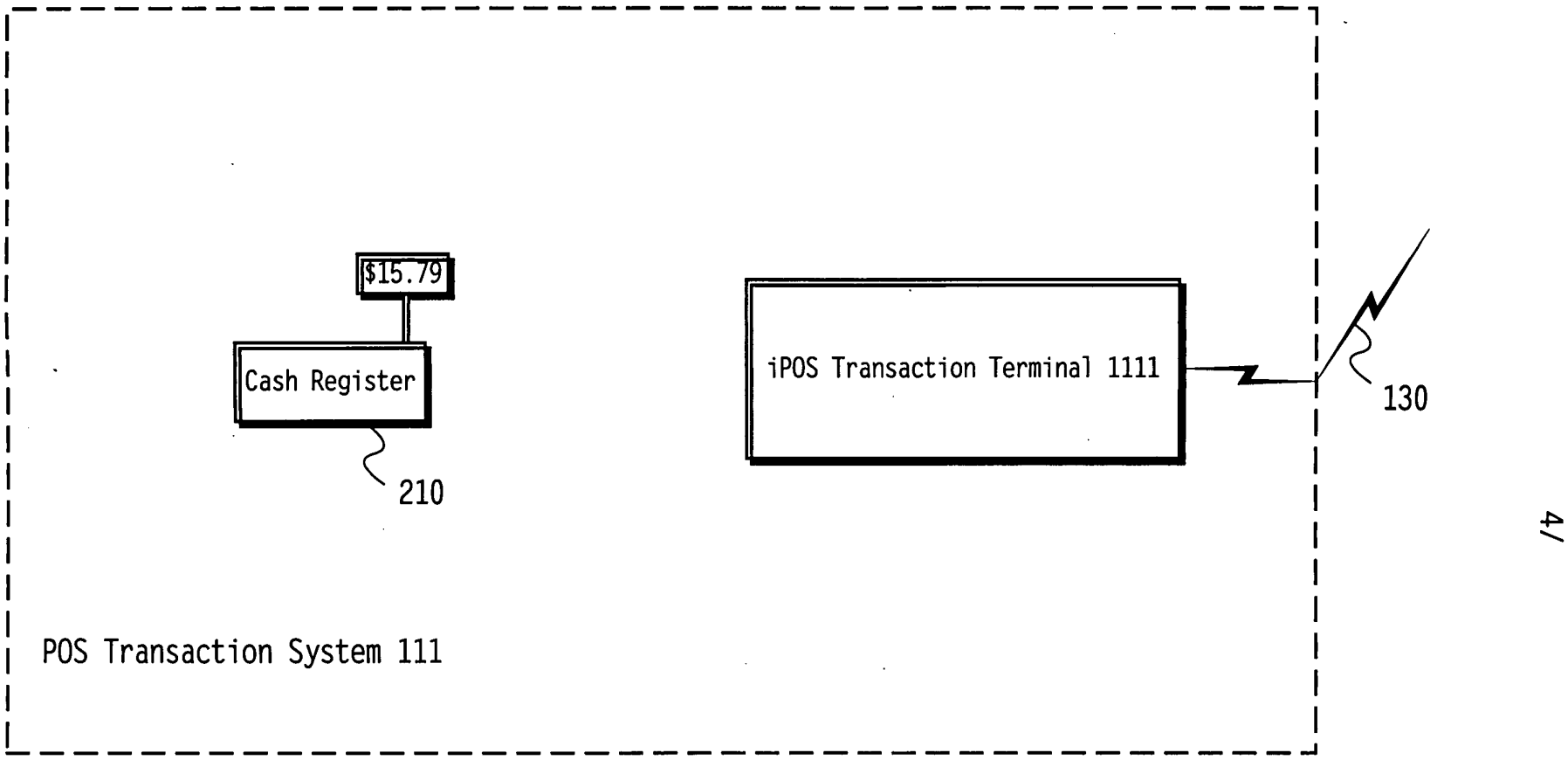
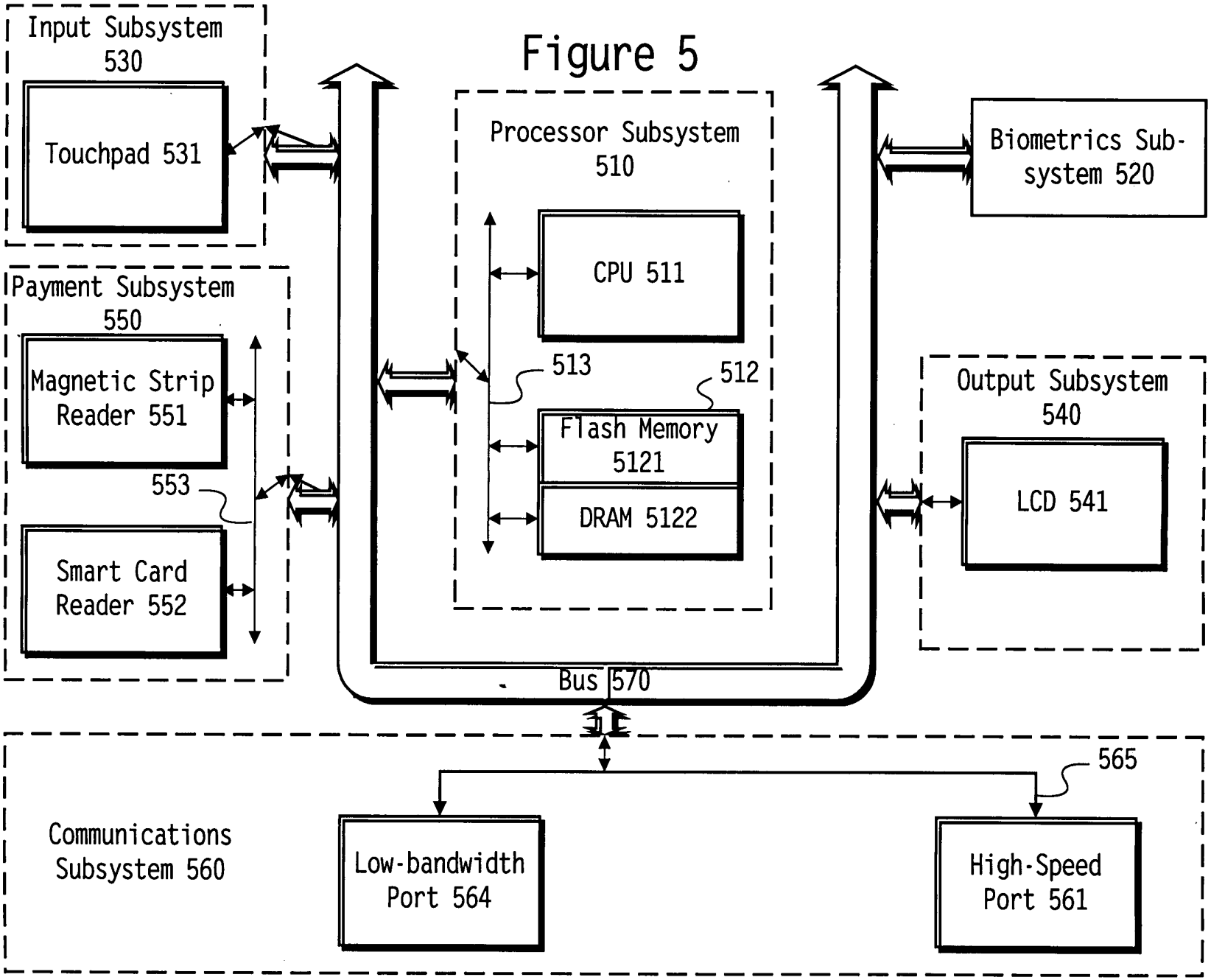

$15.79
Cash Register
210
iPOS Transaction Terminal 1111
130
POS Transaction System 111

Figure 4

Figure 5


Input Subsystem
530
Touchpad 531
Payment Subsystem
550
Magnetic Strip
Reader 551
553
Smart Card
Reader 552
Processor Subsystem
510
CPU 511
513
512
Flash Memory
5121
DRAM 5122
Biometrics Sub-
system 520
Output Subsystem
540
LCD 541
Bus 570
565
Communications
Subsystem 560
Low-bandwidth
Port 564
High-Speed
Port 561